

Title (en)

STERILIZATION SYSTEM, STERILIZATION DEVICE, CONTROL DEVICE, CONTROL METHOD, AND CONTROL PROGRAM

Title (de)

STERILISATIONSSYSTEM, STERILISATIONSVORRICHTUNG, STEUERUNGSVORRICHTUNG, STEUERUNGSVERFAHREN UND STEUERUNGSPROGRAMM

Title (fr)

SYSTÈME DE STÉRILISATION, DISPOSITIF DE STÉRILISATION, DISPOSITIF DE COMMANDE, PROCÉDÉ DE COMMANDE, ET PROGRAMME DE COMMANDE

Publication

**EP 4212185 A1 20230719 (EN)**

Application

**EP 21866331 A 20210622**

Priority

- JP 2020153592 A 20200914
- JP 2021023613 W 20210622

Abstract (en)

A sterilization system of an embodiment includes a light source unit (21), a horizontal angle adjustment unit (4) and/or a vertical angle adjustment unit (3), and a controller (5). The light source unit (21) emits ultraviolet rays in a radiating form. The horizontal angle adjustment unit (4) adjusts a horizontal angle of the light source unit (21) by causing rotation of the light source unit (21) in a horizontal direction. The vertical angle adjustment unit (3) adjusts a vertical angle of the light source unit (21) by causing rotation of the light source unit (21) in a vertical direction. The controller (5) captures a target of sterilization from a camera image, controls rotation of the horizontal angle adjustment unit (4) and/or the vertical angle adjustment unit (3), and irradiates the target with the ultraviolet rays from the light source unit (21).

IPC 8 full level

**A61L 2/10** (2006.01)

CPC (source: EP)

**A61L 2/10** (2013.01); **A61L 2/24** (2013.01); **A61L 9/20** (2013.01); **A61L 2202/14** (2013.01); **A61L 2202/25** (2013.01); **A61L 2209/11** (2013.01); **A61L 2209/111** (2013.01); **F24F 8/22** (2021.01)

Citation (search report)

See references of WO 2022054370A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**EP 4212185 A1 20230719**; CN 116056731 A 20230502; JP 2022047678 A 20220325; JP 7237902 B2 20230313; WO 2022054370 A1 20220317

DOCDB simple family (application)

**EP 21866331 A 20210622**; CN 202180062534 A 20210622; JP 2020153592 A 20200914; JP 2021023613 W 20210622